

THAT WHICH IS CLAIMED:

1. A trench-digging machine for digging a trench under a structure comprising:
a frame for operable connection to a transport machine, wherein the transport
machine defines a lengthwise extending axis and extends widthwise between a pair of
5 lateral bounding planes; and
a digging implement connected to the frame for digging the trench,
wherein the frame is connected to the transport machine such that a center-line of
the digging implement is capable of being laterally offset from the lengthwise extending
axis to a position beyond the respective lateral bounding planes, thereby permitting the
10 digging implement to be placed under the structure.

2. A trench-digging machine according to Claim 1 further comprising an
attachment plate carried by the transport machine and capable of connecting said frame to
the transport machine at a plurality of predetermined positions such that the center-line of
said digging implement carried by said frame is adjustable with respect to the lengthwise
15 extending axis of the transport machine by connecting the frame to the transport machine
at different predetermined positions.

3. A trench-digging machine according to Claim 2, wherein said attachment plate
is oriented at an angle offset from vertical such that said attachment plate faces
downwardly.

20 4. A trench-digging machine according to Claim 3, wherein said frame comprises
a pair of widthwise extending rails and at least one strut extending between said pair of
rails, and wherein said attachment plate is connected to said at least one strut of said
frame.

25 5. A trench-digging machine according to Claim 4, wherein said at least one strut
of said frame also extends at the same angle offset from vertical as said attachment plate.

6. A trench-digging machine according to Claim 5 wherein said frame is
configured to extend between a first face comprised of said pair of rails and said at least
one strut that is oriented at the same angle offset from vertical as said attachment plate

and an opposed second face having a vertical orientation and to which said digging implement is connected.

7. A trench-digging machine comprising:

5 an attachment plate for operable connection to a transport machine which defines a vertical axis, wherein said attachment plate is oriented at an angle offset from vertical such that said attachment plate faces downwardly;

a frame connected to said attachment plate; and

a digging implement connected to the frame for digging the trench.

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8. A trench-digging machine according to Claim 7 wherein said frame is configured to extend between a first face connected to said attachment plate and oriented at the same angle offset from vertical as said attachment plate and an opposed second face having a vertical orientation and to which said digging implement is connected.

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9. A trench-digging machine according to Claim 8, wherein the first face of said frame comprises a pair of widthwise extending rails and at least one strut extending between said pair of rails, and wherein said attachment plate is connected to said at least one strut of said frame.

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11. A trench-digging machine according to Claim 9, wherein said at least one strut of said frame also extends at the same angle offset from vertical as said attachment plate.

12. A trench-digging machine according to Claim 7 wherein the transport machine defines a lengthwise extending axis and extends widthwise between a pair of lateral bounding planes, and wherein said frame is connected to the transport machine such that a center-line of the digging implement is capable of being laterally offset from the lengthwise extending axis to a position beyond the respective lateral bounding plane, thereby permitting the digging implement to be placed under the structure.

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13. A trench-digging machine according to Claim 12 wherein said attachment plate is capable of connecting said frame to the transport machine at a plurality of

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predetermined positions such that the center-line of said digging implement carried by said frame is adjustable with respect to the lengthwise extending axis of the transport machine by connecting the frame to the transport machine at different predetermined positions.

5 14. A trench-digging machine for digging a trench under a structure comprising:
a frame for operable connection to a transport machine, wherein the transport machine defines a lengthwise extending axis and extends widthwise between a pair of lateral bounding planes;

an attachment plate carried by the transport machine and capable of connecting
10 said frame to the transport machine at a plurality of predetermined positions; and

a digging implement connected to the frame for digging the trench,
wherein said attachment plate permits a center-line of said digging implement carried by said frame to be adjustable with respect to the lengthwise extending axis of the transport machine by connecting the frame to the transport machine at different
15 predetermined positions, and wherein said frame and said attachment plate are capable of being connected in at least one predetermined position such that the center-line of the digging implement is laterally offset from the lengthwise extending axis to a position beyond the respective lateral bounding plane, thereby permitting the digging implement to be placed under the structure.

20 15. A trench-digging machine according to Claim 14, wherein said attachment plate is oriented at an angle offset from vertical such that said attachment plate faces downwardly.

16. A trench-digging machine according to Claim 15, wherein said frame comprises a pair of widthwise extending rails and at least one strut extending between
25 said pair of rails, and wherein said attachment plate is connected to said at least one strut of said frame.

17. A trench-digging machine according to Claim 16 wherein said frame is configured to extend between a first face comprised of said pair of rails and said at least one strut that is oriented at the same angle offset from vertical as said attachment plate

and an opposed second face having a vertical orientation and to which said digging implement is connected.

18. A trench-digging machine comprising:

5 an attachment plate for operable connection to a transport machine which defines a vertical axis, wherein said attachment plate is oriented at an angle offset from vertical such that said attachment plate faces downwardly;

a frame comprising a pair of widthwise extending rails and at least one strut extending between said pair of rails, said frame configured to extend between a first face, 10 comprising said pair of rails and said at least one strut, that is connected to said attachment plate and oriented at the same angle offset from vertical as said attachment plate and an opposed second face having a vertical orientation; and

a digging implement connected to the second face of said frame for digging the trench.

15 19. A trench-digging machine according to Claim 18 wherein the transport machine defines a lengthwise extending axis and extends widthwise between a pair of lateral bounding planes, and wherein said frame is connected to the transport machine such that a center-line of the digging implement is capable of being laterally offset from the lengthwise extending axis to a position beyond the respective lateral bounding plane, 20 thereby permitting the digging implement to be placed under the structure.

20. A trench-digging machine according to Claim 19 wherein said attachment plate is capable of connecting said frame to the transport machine at a plurality of predetermined positions such that the center-line of said digging implement carried by said frame is adjustable with respect to the lengthwise extending axis of the transport 25 machine by connecting the frame to the transport machine at different predetermined positions.